

Irrigation Water Conveyance/ Nonreinforced Concrete Pipe

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 430CC



DEFINITION

Irrigation Water Conveyance is a pipeline and appurtenances installed as an integral part of an irrigation system.

PRACTICE INFORMATION

Nonreinforced concrete underground pipelines are designed for low to intermediate pressures. The joints may be rubber, mortar, or cast-in-place without joints. These pipelines may have vents open to the atmosphere, or sealed pressure-relief valves and/or air-and-vacuum-relief valves.

The purpose of the practice is to reduce erosion, conserve water, and protect water quality. Underground pipelines serve as an integral part of the irrigation water distribution system, and significantly improve the overall efficiency of the system.

This practice requires proper design and installation to function properly.

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.